COMPUTER SYSTEM HAVING LOW ENERGY CONSUMPTION

ABSTRACT OF THE DISCLOSURE

The energy consumption of a computing system is reduced by incorporating two or more processing units with diverse energy efficiencies and diverse processing capabilities. A scheduler intercepts an interrupt(s) from I/O space, resolves the interrupt to a task, retrieves energy and performance attributes for the task, and schedules the task for execution on the processing units such that the task will consume the least amount of energy while executing in a timely fashion.